

ABSTRACT OF THE DISCLOSURE

A new and improved magnetic structure comprises a linear form or array of a plurality of magnetic components that facilitates the relative disposition of such magnetic components with respect to each other whereby the plurality of magnetic components can be utilized to form any one of various different jewelry items, toys, amusement devices, educational implements, and instructional aids. The magnetic components are connected to each other along point-to-point contact loci, and spherically curved surface-to-surface contact loci, and a plurality of auxiliary or secondary ferromagnetic components may be magnetically connected to the magnetic components so as to define annular ring-like arrays around the point contact loci. The magnetic components can be identical in size, or alternatively, two alternating sets of magnetic components can have different diametrical dimensions. Still further, the diametrical extent of the auxiliary or secondary ferromagnetic components is a predetermined fractional amount of the diametrical extent of the primary magnetic components. Still further, in order to enhance the decorative appearance of the magnetic structures, particularly when the same comprise jewelry items, the primary magnetic and auxiliary or secondary ferromagnetic components may be provided with suitable, differently colored decorative or protective coatings.